

ABSTRACT
COMPUTATION OF CONTOUR

5 A method of computing a contour, such as the endocardial boundary in an
ultrasound long-axis view of the heart, is disclosed. A plurality of points are input,
each point being indicative of a predetermined landmark point in the image. A
preliminary contour is then derived based on the input points and a known average
contour shape which has been obtained from a database of contours derived from
10 previous images. Finally, the preliminary contour is deformed to fit features
identified in the image by a feature-extraction algorithm, to obtain the computed
contour.